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September 12, 2000

FILE: 4310.002900

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Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

RE: U.S. Patent Application entitled *BIOLUMINESCENT BIOREPORTER INTEGRATED CIRCUIT DETECTION METHODS* by Michael L. Simpson, Gary S. Sayler, Bruce M. Applegate, Steven A. Ripp and Michael J. Paulus
Oak Ridge Ref. No.: ERID:0370
UTRC Ref. No.: PD 97041

Sir:

Transmitted herewith for filing are:

- (1) 169-page patent specification including 35 claims and a one-page abstract (also Figures 1-58 on 60 sheets);
- (2) Our check in the amount of the total filing fee (listed below).

All correspondence, notices, official letters and other communications should be directed to BARBARA S. KITCHELL, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250,

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September 12, 2000
Page 2

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FILING FEE CALCULATION

FOR		Small Entity	Large Entity
Total Claims	35 - 20 = 15	x \$9 = \$	or x \$18 = \$ 270.00
Independent Claims	11 - 3 = 7	x \$39 = \$	or x \$78 = \$ 546.00
Multiple Dependent Claim(s)		+ \$130 = \$	or + \$260 = \$
Basic Fee:		+ \$345 = \$	or + \$690 = \$ 690.00
Assignment Recording Fee:	(\$40 per assignee)	+ = \$	+ = \$
TOTAL FILING FEES		\$ 0.00	\$ 1506.00

Please note that this application is filed without an inventors' Declaration and Assignment, a Declaration Claiming Small Entity Status, a Power of Attorney, and filing fees. Pursuant to 37 C.F.R. § 1.53(b) and (f), the Applicants request that the Patent and Trademark Office accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, the Applicants request that the NOTICE OF MISSING PARTS-FILING DATE GRANTED pursuant to 37 C.F.R. § 1.53(f) be sent to the undersigned Applicants' representative.

Pursuant to 37 C.F.R. § 1.10 the Applicants request that the Patent and Trademark Office accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail.

The Assistant Commissioner is authorized to deduct the \$1,506.00 filing fee from Williams, Morgan & Amerson, P.C. Deposit Account No. 50-0786/4310.002900. Should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, the Assistant Commissioner is authorized to deduct said fees from the Deposit Account, No. 50-0786/4310.002900.

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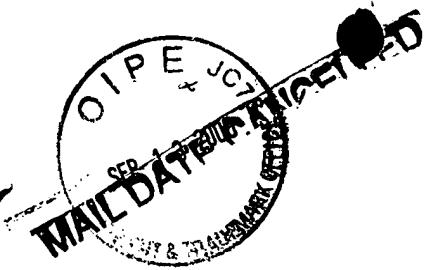
Respectfully submitted,

Barbara S. Kitchell

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BSK/cp

Encl: 169-Pg Pat. Appl.
FIGs. 1-58
Postcard



4310.002900
ERID 0370/0407



APPLICATION FOR UNITED STATES LETTERS PATENT

FOR

BIOLUMINESCENT BIOREPORTER

INTEGRATED CIRCUIT DETECTION METHODS

BY

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GARY S. SAYLER

BRUCE M. APPLEGATE

STEVEN A. RIPP

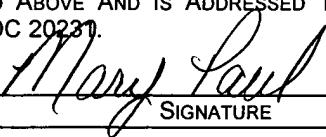
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